



MI-CW2121

Michigan Crop Weather

May 24, 2021

Field Crops

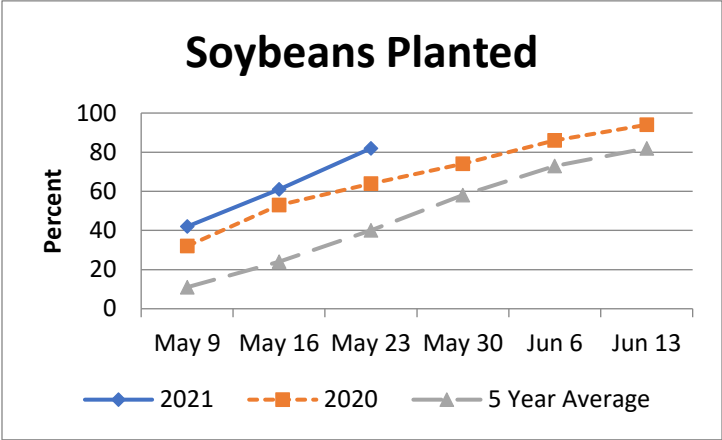
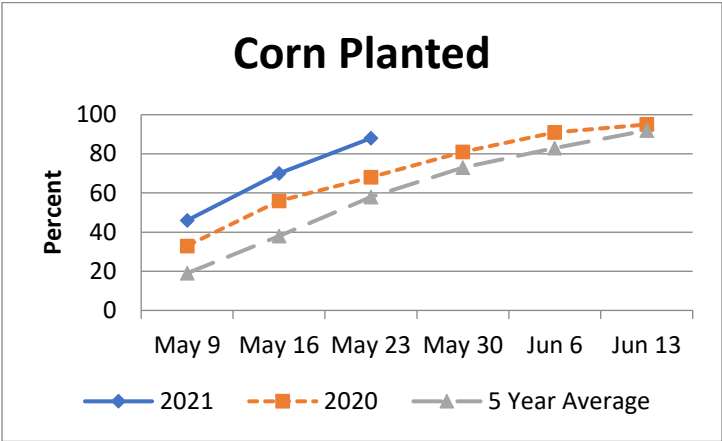
The State continued to experience exceptionally dry conditions, according to Marlo Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. The majority of the Lower Peninsula was in a moderate drought. There were 6.1 days suitable for fieldwork in Michigan during the week ending May 23, 2021. **Winter wheat** condition held steady with a reported 68 percent of the crop rated in good to excellent condition. Despite the dry conditions, the winter wheat crop has shown resiliency and continued progress. **Oat** and **barley** seeding approached completion as both crops were showing strong emergence. **Sugarbeets** neared full emergence with a reported 95 percent of the crop breaking ground. **Corn** and **soybean** planting continued at a rapid pace with both crops significantly ahead of schedule. Widespread lack of moisture continues to remain the largest concern amongst producers. Pasture and range condition was starting to deteriorate as limited moisture has slowed growth. Other activities included fertilizer application, spring tillage, and crop scouting.

Fruit

Dry weather remained last week. Growers were having to provide supplemental irrigation to avoid crop losses due to water stress during bloom. This was exacerbated by above average temperatures last week. With the warm weather, remaining bloom went quickly and insect activity increased. **Tart cherries** in the Northwest were in petal fall. In the Southwest, fruit was 7 to 8 mm. **Apples** in the Northwest were at 60% bloom. In the Grand Rapids area, most apples were in petal fall. The earliest varieties and most advanced blocks had fruitlets up to 8 mm in diameter. Growers had to make thinning decisions quickly as warm weather threatened to push fruit progress past ideal thinning conditions. Fruit set in the Grand Rapids area appeared to be very good despite the loss of king bloom. In the Southwest, apples ranged from 7 to 10 mm. Codling moths were caught. **Peaches** in the Southwest have emerged from the shuck. Oriental fruit moth activity was high. **Blueberry** bloom continued in the West Central and Southwest. Growers applied fungicides to prevent mummy berry infection and began to plan to prevent anticipated cherry fruit worm and cranberry fruit worm injury.

Vegetables

Above average temperatures and prolonged dry weather prompted some producers to begin irrigation this week to avoid moisture stress for their vegetable crops. Cool-season crops, like **lettuce**, and warm-season crops, such as **squash**, were in the ground throughout the State. **Asparagus** was growing rapidly and producing good yields as a result of warmer weather. Some pest pressure was observed, and producers applied pesticides as needed. Cutting and planting of **potatoes** continued, as did transplanting of **tomatoes** and **melons**. In the East, **carrots** and **onions** showed progress, and their nurse crops had been sprayed off.



Crop Condition: Week Ending 05/23/21

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Winter Wheat	2	5	25	58	10
Oats	1	1	22	70	6
Sugarbeets	3	6	33	49	9
Range and Pasture	2	13	44	35	6

Crop Progress: Week Ending 05/23/21

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	6.1	6.2	-	-
Corn Planted.....	88	70	68	58
Corn Emerged	53	16	26	21
Soybeans Planted.....	82	61	64	40
Soybeans Emerged	41	13	23	12
Winter Wheat Jointing.....	95	89	79	71
Winter Wheat Headed	14	0	4	5
Barley Planted	88	69	52	N/A
Barley Emerged.....	38	31	27	N/A
Oats Planted	93	87	83	78
Oats Emerged	80	71	63	51
Sugarbeets Emerged	95	72	81	64

Soil Moisture: Week Ending 05/23/21

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	21	41	37	1
Subsoil moisture.....	25	35	39	1

Weather Summary For Michigan

	Week Ending 2021-05-23							Since April 1				
	Temperature				Precipitation			Precipitation			GDD Base 50	
	High	Low	Avg	DFN	Total	Days		Total	DFN	Days	Total	DFN
Upper Peninsula												
HANCOCK HOUGHTON COUNTY AP	83	39	63	11	1.28	5		3.89	0.19	22	125	42
IRONWOOD	80	41	64	11	0.78	5		4.35	-0.59	23	137	9
CHATHAM EXPERIMENT FARM 2	85	39	64	12	0.17	5		4.39	0.05	31	159	65
Northwest LP												
BEULAH 7SSW	84	45	68	11	0.14	3		3.69	-1.57	23	246	78
BOYNE FALLS	86	40	67	10	0.06	1		4.30	-0.31	17	199	-17
FRANKFORT 2NE	82	49	66	11	0.50	3		4.03	-0.86	18	208	59
TRAVERSE CITY CHERRY CAPITAL AP	88	40	69	14	0.12	3		3.72	-0.97	21	251	96
WELLSTON 1N	85	39	65	9	0.27	2		3.92	-1.34	23	196	2
Northeast LP												
ALPENA COUNTY REGIONAL AP	90	39	65	12	0.22	2		5.12	0.80	20	147	25
GAYLORD 9SSW	84	47	67	13	0.13	2		4.15	-0.78	24	205	75
GLENNIE 2SE	86	39	65	10	0.08	1		2.79	-1.92	13	155	54
HALE LOUD DAM	86	38	66	12	0.10	1		2.83	-1.73	16	186	53
ONAWAY 4N	85	41	67	11	0.59	2		4.43	0.00	24	191	23
West Central LP												
MUSKEGON COUNTY AP	85	48	69	11	0.22	2		2.29	-3.05	17	280	57
Central LP												
CENTRAL MICHIGAN UNIVERSITY	81	48	61	3	0.07	1		2.40	-3.19	11	175	-30
GLADWIN	86	42	67	10	0.06	2		2.27	-3.17	13	237	51
MIDLAND	86	50	71	13	0.09	1		1.65	-3.99	12	274	40
East Central LP												
BAD AXE	87	48	69	13	0.10	1		2.49	-2.59	24	246	69
SAGINAW #3	88	48	71	12	0.04	3		2.48	-3.17	21	307	77
SAGINAW MBS INTL AP	87	50	71	12	0.26	2		2.05	-3.39	16	307	83
VASSAR	88	43	67	10	0.12	2		2.09	-3.44	16	233	48
Southwest LP												
BENTON HARBOR	87	50	70	11	0.01	1		1.21	-4.81	13	306	13
GRAND RAPIDS GERALD R FORD INTL AP	86	47	69	9	0.07	1		2.68	-3.63	15	304	27
HOLLAND TULIP CITY AP	85	50	69	9	0.00	0		2.47	-3.25	12	291	8
South Central LP												
COLDWATER ST SCHOOL	86	47	69	10	0.00	0		1.84	-4.46	13	281	21
HASTINGS	86	46	68	10	0.00	0		1.82	-4.31	14	253	31
JACKSON REYNOLDS FIELD	88	46	70	11	0.35	2		2.33	-2.71	16	299	39
LANSING CAPITAL CITY AP	87	48	69	10	0.01	1		2.01	-3.47	17	282	27
THREE RIVERS	86	50	68	8	0.00	0		2.60	-3.67	14	282	-9
Southeast LP												
ANN ARBOR U OF MICH	88	42	68	7	0.06	2		4.19	-1.54	22	300	-1
CHELSEA	87	43	67	8	0.02	1		3.44	-1.47	20	281	29
FARMINGTON	87	45	67	8	0.00	0		2.74	-2.65	16	248	26
MANCHESTER	88	45	67	8	0.00	0		3.11	-2.67	16	272	32
PORT HURON	86	51	69	11	0.32	1		1.87	-3.37	18	298	86

Note:

Summary based on NOAA Regional Climate Centers (RCCs) data. Climate normals used are for the 1981-2010 period. Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees Fahrenheit.